

UNITED STATES ENVIRONMENTAL PROTECTION AGENC

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SEP 0 9 1986

SUPERFUND BRANCH

REGION 7 25 FUNSTON ROAD KANSAS CITY, KANSAS 66115

DATE: 9-4-86

MEMORANDUM

SUBJECT:

SPRING RIVER BASIN- VERDINI MO.

FROM:

Charles P. Hensley

Chief, EP&R/ENSV

TO:

Robert L. Morby Chief, SPFD/WSTM

Attached for your review is:

- _ Data Transmittal
- Work Plan
- X Trip Report
- _ Preliminary Assessment
- HRS Form with Supporting Documentation
- _ Final Report of Site Investigation

If you have any questions or comments, please contact Paul Doherty at 236-3888.

Attachments

cc: E&E

LABO

_ EP&R

TOPE

RCRA

SPFD

EMCM

40032258 SUPERFUND RECORDS

John C. Wicklund Director, ENSV



ecology and environment, inc.

FAIRWAY WEST OFFICE BLDG., 4350 SHAWNEE MISSION PARKWAY, SHAWNEE MISSION, KS 66205, TEL. 913-432-9961

International Specialists in the Environment

TO:

Paul Doherty, ARPO

FROM:

Karen Koth, E&E/FIT

DATE:

September 3, 1986

SUBJECT:

Trip Report of Sampling Activities at Spring River Basin

(Syntex) TDD#R-07-8607-12

Sample Series: AKJC4

On August 25-26, 1986, sampling was completed at 5 stations along the Spring River, downstream from the Syntex Agribusiness Verona Plant. Ecology & Environment, Inc. Field Investigation Team (E&E/FIT) conducted the sediment sampling while personnel from the Missouri Department of Conservation (MDC) completed the fish sampling. Sediment was collected from Stations 1, 3 and 5 and fish from stations 1-5 as specified in the Verona Fish and Sediment Plan (Syntex). This third year sampling effort was carried out pursuant to the five year plan provided for in the Consent Agreement and Order between Syntex Agribusiness, Inc. and the U.S. Environmental Protection Agency (EPA).

Those persons participating in the sampling effort are as follows:

Ron Crunkleton, MDC
Bob DiStefano, MDC
Nancy Kepko, E&E/FIT
Karen Koth, E&E/FIT
Bill Durbin, Syntex Representative
Glen Davis, Syntex Environmental Projects Supervisor

Information on the sediment sampling completed at the three stations is as follows:

Station 1

Location:

0.3 miles downstream from Syntex (junction of Spring River and "Farm Road") on Spring River

Samples:

Sediment

Date of Collection: 8/26/86, 1345 hours

Collected by:

Koth, N. Kepko

Spring River Basin Trip Report Page 2

Depth of Collection: 0 to 6 inches

Method:

Sediment was transferred to a #10 metal sieve. The sieved sediment was then collected in a disposable aluminum pan where it was blended and mixed prior to transfer to separate laboratory containers.

Assigned Sample Number: AKJC4001

Size of Sample Container:

1 - 16 oz. glass jar with teflon lid (2 - 16 oz. jars of sample were provided for Syntex split).

Station 3

Location:

6 miles downstream from Syntex on Spring River

Samples:

Sediment

Time of Collection: 8/26/86, 0900 hours

Collected by:

Koth, N. Kepko

Depth of Collection: 0 to 6 inches

Method:

Sediment was transferred to a #10 metal sieve. The sieved sediment was than collected in a disposable aluminum pan where it was blended and mixed prior to transfer to separate laboratory containers.

Assigned Sample Number: AKJC4002

Size of Sample Container:

1 - 16 oz. glass jar with teflon lid (2 - 16 oz. jars of sample were provided for Syntex split)

Spring River Basin Trip Report Page 3

Station 5

Location:

12 miles downstream from Syntex (junction of Spring River and State Highway V) on Spring River

Samples:

Sediment

Time of Collection: 8/25/86, 1400 hours

Collected by:
Koth, N. Kopko

Depth of Collection: 0 - 6 inches

Method:

Sediment was transferred to a #10 metal sieve. The sieved sediment was then collected in a stainless steel pan where it was blended and mixed prior to transfer to separate laboratory containers.

Size of Sample Container:

1 16 oz. glass jar with teflon lid (2 - 16 oz. jars of sample were provided for Syntex split)

Sediment samples were transported to the Region VII Laboratory and chain of custody records were maintained with EPA personnel. Splits of the three sediment samples were turned over to Bill Durbin (Syntex) in the field at about 1530 hours August 26, 1986.

Information concerning the fish sampling activities was not available at the time of this report. MDC personnel will provide a separate written report of their sampling effort.

KK/kl

CHAIN OF CUSTODY RECORD ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print) —KAREN KOTH				NAME OF SURVEY OR ACTIVITY SPRING RIVER BASIN (SYNTEY				ľ	DATE OF COLLECTION SHEET DAY MONTH YEAR / Of /			
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ICE CHEST(S); OTHER					COURIER SAMPLER CONVEYED (SHIPPING DOCUMENT NUMBER)							
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CHAIN OF CUSTODY RECORD ENVIRONMENTAL PROTECTION AGENCY REGION VII

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U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

Site Name: SPRING RIVER BASIN (SYNTEX) Site Number: : Location: VERONA MISSOURI Site Code: :							
Collected: YR: 86 MD: 8 Day: 26 Time: 2345 Leader: KOTH Sample Number: AKJC4001 SMO #: Sample Media (circle one): SOIL, DUST, RINSATE, SEDIMENT WATER, OTHER: Sample Split (circle one): YES NO							
: Sample Container : Tag Color : Preservative : Analysis Requested :							
Depth: 0-6" Pan #: Aliquots: 7 Samplers: Karan Koth COMMENTS OF FIELD PERSONNEL							
Site Description: Location #13 miles downstream from Syntax, **Note: 2 - 1602 JARS given for Eplit.							

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

: Site Name: SPRING RIVER BASIN (SYNTEX) : Location: VERONA MISSOURI	Site Number: : Site Code: :					
Collected: YR: 86 MO:00 Day:26 Time:07 Sample Number: AKJC4002 SMC Sample Media (circle one): SOIL, DUST, RINSATE, SEDIMENT, WATER, Sample Split (circle one): YES NO	:)					
: Sample Container : Tag Color : Preservative	e : Analysis Requested :					
Depth: 4-6" Pan #: Samplers: Namy Kepks COMMENTS OF FIELD PERSONNE	: 					
Site Description: Location #3 — 6 miles down stream from Syntax *Note: 2 - 1602 JARS given for split.						

FIELD SHEET U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

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EPA, Region VII 25 Funsten Road Kansas City, Kansas 60215

Receipt for Environmental Samples

From: Facility Name Address	Syntex Ag	iri Dusines	2	
City Veroc	. .			
Permit Number	,			
Responsible O	fficial and Title	RIL D	surbin, Syl	nta Rep.
Laboratory	Types of C	Containers		T
	iner Glass Jar	DO Bottle		Description of Samples
	No. of Containe			
AKJ C4001	16 02 JARS			Sediment, Location #1
AKJC400Z	1602 MRS			Sediment, Location #3 Sediment, Location #5
AK3C4003	2 1602 JARS			Selliment. Location #5
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Section 308(a)(i	b) of the Clean W 2) of the Clean A	in act		and Kinder and the
Other (Specify)	Consent Agreen	ment and i	order bett	ween Syntex and the
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Duplicate samples wer	ce/were not provi	ded to the	responsible responsible	le facility representative. e facility representative.
or his designated age	ent.			g :
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Signat	ure	•	- your	/ 7 Title
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Date of Signing				
Name and Title of Pe	rson Collecting	Samples		
Karen Koth, Acti	vity Leader — Es	HE/FIT		
Signature of Collect				
Signature of/Collect	or			